

IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: HUA, Jinsong  
Appl. No.: NEW Group:  
Filed: July 17, 2003 Examiner:  
For: SPRAY HEAD AND NOZZLE ARRANGEMENT FOR  
FIRE SUPPRESSION

INFORMATION DISCLOSURE STATEMENT  
(SUBMISSION CONCURRENT WITH THE  
FILING OF A NEW PATENT APPLICATION)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

July 17, 2003

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION

The patents, publications, or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. COPIES

- ☒ Submitted herewith is a legible copy of (i) each U.S. and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.
- ☐ This application is a National Phase of a PCT application. Some or all of the documents listed on the PTO-1449 are not enclosed because they were cited in the International Search Report and copies should be forwarded from the International Search Authority. If copies are needed, please contact the undersigned.

III. CONCISE EXPLANATION OF THE RELEVANCE  
(check at least one box)

a. ☒ **DOCUMENTS IN THE ENGLISH LANGUAGE**

The attached patents, publications, or other information in the English language do not require a statement of relevancy.

b. ☐ **DOCUMENTS NOT IN THE ENGLISH LANGUAGE**

A concise explanation of the relevance of all patents, publications, or other information listed that is not in the English language is as follows:

c. ☐ **ENGLISH LANGUAGE SEARCH REPORT**

An English language version of the search report or action that indicates the degree of relevance found by the foreign office is attached, thereby satisfying the requirement for a concise explanation. See MPEP 609(III)(A)(3).

d. ☐ **OTHER**

The following additional information is provided for the Examiner's consideration.

FEES

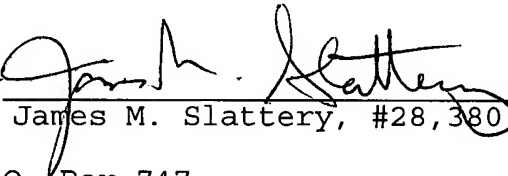
This Information Disclosure Statement is being filed concurrently with the filing of a new patent application; therefore, no fee is required.

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule and charge the appropriate fee to Deposit Account No. 02-2448.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Respectfully submitted,

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By   
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Attachment(s): ☒ Form PTO-1449(s)  
☒ Documents  
☐ Foreign Search Report  
☐ Fee  
☐ Other: \_\_\_\_\_

(Rev. 04/29/03)

Form PTO-1449				ATTY DOCKET NO. 2038-0114P		APPLICATION NO. NEW		
<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b> (Use several sheets if necessary)				APPLICANT HUA, Jinsong				
				FILING DATE July 17, 2003		GROUP		
<b>U.S. PATENT DOCUMENTS</b>								
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE	
	US 6,155,501	A	2000-12-05	GIANNOTTI et al				
	US 5,505,383	A	1996-04-09	FISCHER				
	US 4,570,860		1986-02-18	APREA et al				
	US 5,839,667	A	1998-11-24	FISCHER				
	US 6,129,154	A	2000-10-10	HOFFMANN et al				
	US 5,597,044	A	1997-01-28	ROBERTS et al				
	US 6,390,203	B1	2002-05-21	BORISOV et al				
	US							
	US							
	US							
<b>FOREIGN PATENT DOCUMENTS</b>								
Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
							YES	NO
WO	95/18651	A1	1995-07-12	WO				
WO	97/43046	A1	1997-11-20	WO				
<b>OTHER DOCUMENTS</b> (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.)								
	HUA, Jinsong et al, SCIENCE DIRECT, 10/2002, PP. 631-657, Vol. 37, No. 7							
EXAMINER				DATE CONSIDERED				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								